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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	NEW
				Filing Date	24 March 2004
				First Named Inventor	Ratnam, Rama
				Group Art Unit	UNKNOWN
				Examiner Name	UNKNOWN
Sheet	1	of	1	Attorney Docket No.	22010-202

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		U.S. 2003/0103561	06-05-2003	Rickard et al.	
		U.S. 6,279,379	08-28-2001	Logue et al.	
		U.S. 4,590,591	05-20-1986	Leroy et al.	
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		U.S. 5,818,945	10-06-1998	Makino et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ² -Number ⁴ -Kind Code ⁵ (if known)				
		WO 02/090902 A2	11-14-2002	Christensen, et al.		

Examiner Signature		Date Considered	
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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				<i>Complete if Known</i>	
				Application Number	NEW
				Filing Date	24 March 2004
				First Named Inventor	Ratnam, Rama
				Group Art Unit	UNKNOWN
				Examiner Name	UNKNOWN
Sheet	2	of	2	Attorney Docket Number	22010-202

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s) publisher city and/or country where published	T ²
		AZIMI-SADJADI, M.R., et al. A New Time Delay Estimation in Subbands for Resolving Multiple Specular Reflections, IEEE Transactions on Signal Processing, December 1998, pp. 3398-403, Vol. 46, No. 12.	
		BENESTY, J. Adaptive eigenvalue decomposition algorithm for passive acoustic source localization, J. Acoust. Soc. Amer., January 2000, pp. 384-91, Vol. 107, No. 1.	
		BRANDSTEIN, M.S. Time-delay estimation of reverberated speech exploiting harmonic structure, J. Acoust. Soc. Amer., May 1999, pp. 2914-19, Vol. 105, No. 5.	
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		GUNEL, B. Room Shape and Size Estimation Using Directional Impulse Response Measurements, School of Computer Science, Queen's University Belfast, UK, at least as early as October 2003.	
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		HUANG, Y. and BENESTY, J. A Class of Frequency-Domain Adaptive Approaches to Blind Multichannel Identification, January 2003, pp. 11-24, Vol. 51, No. 1.	
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		RATNAM, R., et al. Blind estimation of reverberation time, J. Acoust. Soc. Amer., November 2003, pp. 2877-92, Vol. 114, No. 5.	
		TANG, K.S., et al. Genetic Algorithms and their Applications, IEEE Transactions on Signal Processing, November 1996, pp. 22-37.	

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